

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 54868PCT GEH:PFB	<div style="display: flex; justify-content: space-between;"> <div> FOR FURTHER ACTION </div> <div> see Form PCT/ISA/220 as well as, where applicable, item 5 below. </div> </div>	
International application No. PCT/AU2004/001414	International filing date (<i>day/month/year</i>) 15 October 2004	(Earliest) Priority Date (<i>day/month/year</i>) 17 October 2003
Applicant CASTALLOY MANUFACTURING PTY LTD et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of **5** sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**
 - a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
 - b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.
2. ☐ **Certain claims were found unsearchable** (See Box No. II).
3. ☐ **Unity of invention is lacking** (See Box No. III).
4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.
☐ the text has been established by this Authority to read as follows:
5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.
☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. With regard to the **drawings**,
 - a. the figure of the **drawings** to be published with the abstract is Figure No. **2**

☒ as suggested by the applicant.
☐ as selected by this Authority, because the applicant failed to suggest a figure.
☐ as selected by this Authority, because this figure better characterizes the invention.
 - b. ☐ none of the figures is to be published with the abstract.

Box No. IV Text of the Abstract (Continuation of item 5 of the first sheet)

Wire spoked tubeless wheel (1) is sealed and made airtight by forming the wheel rim well with a flat base (55) with countersunk holes (40) in the base to fully receive the spoke nipples (45) and applying sealing tape (60) to the flat base covering the countersunk holes (40).

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001414

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: B60B 21/06, 1/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

AU: IPC B60B 1/04, 21/06

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: IPC B60B with keywords such as spoke, head, countersunk and similar terms.

ECLA: B60B21/06B and tubeless.

USPTO: Sub-Class 301/58 from 1913-present

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 976246 A (ÉTABLISSEMENTS FOX) 15 March 1951 Whole document	1 - 8
Y	US 1340773 A (JINKNER) 18 May 1920 Whole document	1 - 8
Y	US 6019149 A (STRINGER) 1 February 2000 Whole document	1-8

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
4 November 2004Date of mailing of the international search report
10 NOV 2004

Name and mailing address of the ISA/AU

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001414

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4824177 A (ALOY) 25 April 1989 Whole document	1-8
A	EP 26514 A (SOCIÉTÉ DE RECHERCHE ET DE PROMOTION D'ACTIVITÉS NOUVELLES ACNO) 8 April 1981	
A	US 4448456 A (PFUNDSTEIN) 15 May 1984	
A	US 5651589 A (BRADLEY) 29 July 1997	
<p>NOTE: For the Y indications, either one of FR 976246 or US 1340773 can be combined with either one of US 6019149 or US 4824177.</p>		

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001414

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
US	6019149	NONE					
US	4824177	NONE					
EP	26514	AR	223395	AU	62655/80	BR	8006162
		DD	153776	ES	8105641	FR	2466351
		FR	2474403	GR	70045	JP	56-57502
		MA	18966	OA	6702	PL	226923
		PT	71811	ZA	8005711		
US	4448456	NONE					
US	5651589	NONE					